NEWSLINE

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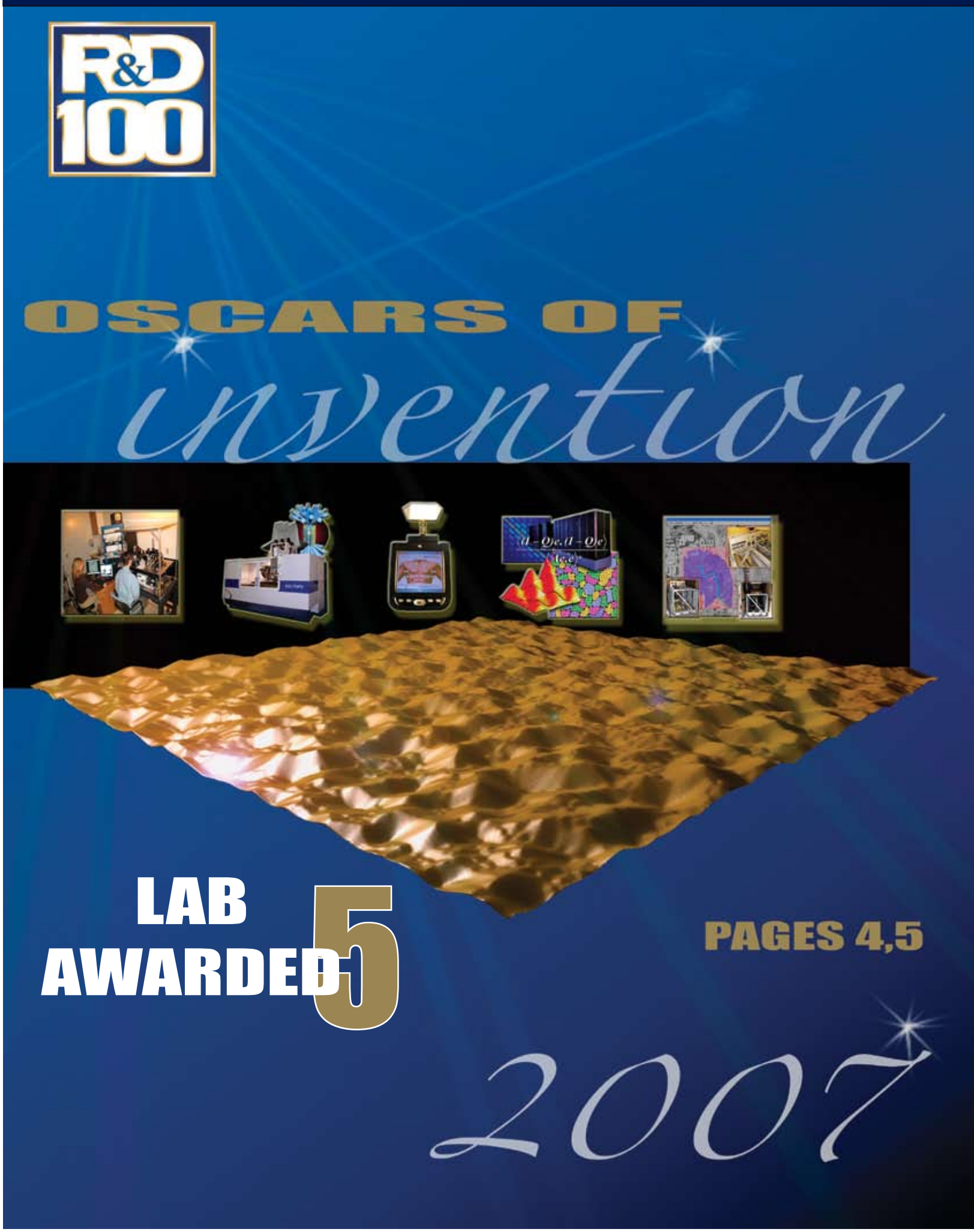


What's INSIDE

2007 TRANSITION NEWS

Benefits directory now available

A benefits directory is now available for employees and retirees who have questions regarding benefits, human resources and other transition issues.

The directory is posted on the LLNS Website, at www.llnsllc.com (under the Q&A tab) and on the LLNL Transition Website, at transition.llnl.gov. It also is posted on the Human Resources Website, at http://www-r.llnl.gov/ahrd/hr/transition-help-directory.htm

LAWRENCE LIVERMORE NATIONAL SECURITY LLC

The directory is broken into a number of categories, from the LLNS-proposed benefit/retirement plans to UC retirement plans, saving programs, service buy-back credits, vacation cash-outs and more. For each category the proper contact number is provided.

The service directory was designed to help alleviate confusion over which help desk, hotline or Website to reference. Currently employees may choose between several different options, either set up by the Laboratory, Lawrence Livermore National Security or the University of California.

For more information, see the Benefits directory at the Websites above.

Nature of Call	Active LLNL Employees	UCRP Retirees
LLNS Benefit/ Retirement Plan Questions	4-LLNS(925) 424-5567 llnsllc.com	N/A
UC Retirement Plan Questions	UC At Your Service atyourservice.ucop.edu or LLNL Benefits Office Bldg. 571, Room 1205 (925) 422-9955	UC At Your Service atyourservice.ucop.edu or UC Customer Service Center (800) 888-8267
LLNS Offer Letter	4-LLNS (925) 424-5567 llnsllc.com	TBD
UC Decision Guide	LLNL Benefits Office Bldg. 571, Room 1205 (925) 422-9955 or UC Customer Service Center (800) 888-8267	N/A
Vacation Cash Out	LLNL Payroll (925) 422-9132	N/A
UC Retirement Savings Program (Fidelity)	Fidelity@Netbenefits.com (866) 682-7787	Fidelity@Netbenefits.com (866) 682-7787
UCRP Service Credit Buy-Backs	LLNL Benefits Office Bldg. 571, Room 1205 (925) 422-9955 or UC Customer Service Center (800) 888-8267	N/A
Change of Address	Employee Self Service URL: LAPIS and LAPIS Help Desk (925) 422-2444	UC Customer Service Center (800) 888-8267 or Insurance Carriers
Change Name	Notify PAS Initiator List of initiators @ www-r.llnl.gov/ lapis/ PAS- admins.html and LAPIS Help Desk (925) 422-2444	UC Customer Service Center (800) 888-8267 or Insurance Carriers
UC Retirement Plan Summary Plan Description Booklets	UC At Your Service atyourservice.ucop.edu	UC At Your Service atyourservice.ucop.edu or UC Customer Service Center (800) 888-8267
UC At Your Service Online	UC Customer Service Center (800) 888-8267	UC Customer Service Center (800) 888-8267

Ralph Howard of Benefits to explain reciprocity between UCRP and CalPERS

Lab Benefits counselor Ralph Howard will deliver a one-hour presentation intended to provide a better understanding of how reciprocity between the University of California Retirement Plan (UCRP) and the California Public Employee's Retirement Plan System (CalPERS) works.

The presentation will take place at noon Wednesday, July 11, in the Bldg 453 auditorium.

Employees who joined UC or CalPERS within 180 days after leaving the other system's (UC or CalPERS) employment may be eligible for reciprocity benefits between the two agencies.

Employees who have prior employment with the state of California and are members of the California Public Employees Retirement System (CalPERS) are encouraged to attend. For more information, call the benefits office at 2-9955 or review the UCRP/CalPERS factsheet located at http://atyourservice.ucop.edu/forms_pubs/checklists_factsheets/reciprocityfact.pdf

Transition update

A MESSAGE TO EMPLOYEES

– Barbara Peterson

The comment period for employees to provide feedback on LLNS' proposed pension and benefits package ended Monday. Employees provided more than 4,000 comments and questions to the National Nuclear Security Administration and LLNS. LLNS and NNSA are considering that input in preparing their final decision. I expect we will hear about the final package NNSA approves in the next few weeks.

While we wait for the rollout of the final pensions and benefits package, I thought it would be useful to review some of the things we currently know, as well as some of the items LLNS has committed to, regardless of the outcome of the benefits discussions with NNSA.

- All UC employees in good standing will receive an offer at their current rate of pay, series and level regardless of whether they choose TCP1 or TCP2.
- Employees on approved medical or disability leave, a leave with pay or a leave without pay as of Sept. 30, 2007, will all receive job offers and will have the same decisions to make as an active employee.
- Employees will continue to accrue vacation and sick leave at the same rate as under current UC/LLNL policy.
- LLNS intends to continue our current holiday schedule.
- LLNS intends to honor and implement the salary package submitted this year by UC once it has been approved by NNSA.

Benefits Communications

LLNS is committed to responding directly to all questions it has received as information becomes available. In this past week, more than 110 questions have been answered and posted to the LLNS Website. Please check the LLNS Web page, at www.llnsllc.com, for continuing updates. Employees also may submit questions to the LLNL Transition Website at transition.llnl.gov/home.

In addition, I want to remind you that UC, LLNS and my transition team have extensive plans to communicate with employees once the pension and benefits package is approved and offer letters have been mailed sometime in mid-July. Employees will have until mid-September to make benefits decisions and formally accept the LLNS job offer.

- UC will mail a comprehensive decision guide and retirement information to all UCRP members to assist them when making choices about UC benefits;
- UC and LLNS will host town halls on site for employees as well as town halls for retirees and families in multiple offsite locations. These will be announced in *Newsline*;
- UC, LLNL and LLNS will provide onsite benefits counselors;
- LLNL benefits and payroll help-desks will continue with extended hours;
- Both LLNS and LLNL Websites will continue to address employees questions;
- Staffed kiosks will be available to assist employees who don't have access to computers;
- *Newsline* will continue to be published weekly with the latest transition updates; and,
- George Miller will hold "400" meetings and employee all-hands at each major decision point.

Pension security

Many employees continue to express concern over the security of the defined benefit pension plan in TCP1 when assets and liabilities are moved from the University of California Retirement Plan to this defined benefit pension plan. Recently LLNS posted a response, coordinated with NNSA, on the LLNS Website that I think is worth repeating here:

"The TCP1 pension plan will be funded by transferring funds from UCRP to cover the vested, accrued benefits for Lawrence Livermore National Laboratory (LLNL) employees who elect to participate in Total Compensation Package (TCP) 1 as of Oct. 1, 2007. The new contractor, Lawrence Livermore National Security (LLNS), is a Limited Liability Corporation subject to the Employee Retirement Income Security Act (ERISA) and to other laws that did not apply to the UCRP. These laws require that the assets of the TCP1 pension plan be held in trust for the exclusive benefit of the employees in the plan.

If additional funds are needed in the future to fund benefits in the

See ***Transition,*** page 8

Answering the call

PHOTO BY JAQUELINE MCBRIDE

Clockwise from left: Karla Castaneda, Hope Garcia, Beverly Peterson and Jan Chappell take a break from fielding calls to the LLNS hotline.

Employee questions regarding the transition to Lawrence Livermore National Security, LLC (LLNS) are being answered via the LLNS Website at http://www.llnsllc.com/.

Posted answers to questions are located on the Website under the Q&A tab and by clicking "Frequently Asked Questions." Questions also may be submitted by clicking "Submit a Question."

Questions regarding specific cases under the proposed benefits plans will not receive answers until the benefits plans are approved. Approval is expected in early July. LLNS also will stage several town hall meetings to roll out the final approved plans and address employee questions.

Deadline approaching for personal information update

Livermore Administrative People Information System LAPIS

In preparation for LLNS employment offer letters to be mailed out, all Laboratory employees are encouraged to review their personal contact information, via the Lab's automated electronic process — LAPIS — the Livermore Administrative People Information System, accessible from the MyLLNL portal.

It is vital that all employee information be current and accurate, especially home address information. Instructions on how to use LAPIS can be found in the document "Guidance for Updating My Personal Information" on the Web.

Employees also can check sick and vacation leave balances via LAPIS.

Recent federal regulations have added the "Native Hawaiian/Other Pac Islander" and "Two or more ethnicities" to the current array of "American Indian/Alaska Native," "Asian," "Black/African American," "Hispanic/Latino" and "White" as options of ethnic self-identification. Employees either choose to retain their current identification or make the necessary change to one of the new ethnic categories listed. The ethnicity update period will run through Friday, July 13.

Lab researchers win five R&D 100 awards

Laboratory researchers have garnered five awards for developing cutting-edge technologies with commercial potential.

Five teams of LLNL scientists and engineers have won awards from the trade journal *R&D Magazine* for developing advances among the top 100 industrial inventions worldwide for 2006. They worked with five universities, four industrial collaborators and another national laboratory.

This year's R&D 100 awards, sometimes called the "Oscars of invention," will be presented Oct. 18 during a black-tie dinner in the Grand Ballroom of Chicago's Navy Pier.

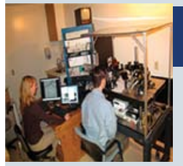
"We are pleased by the Laboratory's continued success in producing innovations that benefit the nation and U.S. industry," said Cherry Murray, LLNL's deputy director for Science and Technology. "These technologies highlight the Laboratory's long-standing tradition of using multidisciplinary teams to solve important national problems."

By Stephen Wampler
Newsline staff Writer

With this year's awards, the Laboratory has captured a total of 118 such awards since 1978. Department of Energy (DOE) labs received 32 R&D 100 awards in this year's judging.

Other DOE laboratories winning R&D 100 awards this year were: Oak Ridge National Laboratory, with six awards, more than any other institution; Sandia National Laboratories which, like LLNL, won five awards; E.O. Lawrence Berkeley, Pacific Northwest and Argonne national laboratories, with three awards each; the Y-12 production plant, the National Energy Technology Laboratory and Los Alamos National Laboratory, with two awards each; and the National Renewable Energy Laboratory, with one award.

"Once again, DOE's labs are at the cutting edge of innovation with new technology developments to enhance America's economic and national security," U.S. Secretary of Energy Samuel Bodman said. "My heartiest congratulations to the DOE researchers and scientists that have won R&D Magazine's prestigious awards this year."



Protecting vision

Livermore researchers have helped develop a new instrument that could revolutionize retinal imaging, providing eye doctors with the capability to better detect, diagnose and treat blinding retinal diseases.

Developed in conjunction with five universities and an industrial partner, the instrument — known as the Micro Electro Mechanical System (MEMS)-based Adaptive Optics Scanning Laser Ophthalmascope (MAOSLO) — will enable clinicians to image and measure microscopic structures of the living eye, such as individual photoreceptors and ganglion cells.

Clinical trials, which have been under way for nearly a year, show that the instrument's resolution and three-dimensional sectioning capabilities represent an important breakthrough in visualizing the retina.

The MAOSLO can measure and automatically correct aberrations in the eye in real-time; provide non-invasive, *in vivo* images of the retina at the cellular level; and enable optical sectioning of different cellular layers in the retina, among other tasks.

MAOSLO's new capabilities are made possible by using the latest advances in adaptive optics and MEMS technology. This instrument uses the same adaptive optics principles employed in the world's largest telescopes to provide clear images of distant astronomical objects.

The instrument's core design was developed by LLNL researchers, along with researchers from the optometry schools at UC Berkeley and Indiana University, and the University of Rochester's Center for Visual Science. Initial testing was done at the UC Davis Medical Center, and clinical operations are under way at the University of Southern California's Doheny Eye Institute. Boston Micromachines Corp. developed and supplied the key MEMS technology for the MAOSLO.

The Livermore employees who led the instrument development are from two directorates – Physics and Advanced Technologies and Engineering. They are: Diana Chen, Steven Jones, Scot Olivier and Dennis Silva.

A pneumothorax detector

LLNL engineers have developed a new medical diagnostic device to detect pneumothorax, a medical condition caused by having air trapped in the space between the wall of the chest cavity and the lung.

The R&D 100 award was shared by the Laboratory and Cleveland, Ohio-based Electrosonics Medical Inc., which licensed the technology and has advanced it through final commercial development and clinical trials.

Known as the "Noninvasive Pneumothorax Detector," the handheld instrument uses the ultra-wideband radar technology pioneered in the 1990s by LLNL researchers who had worked on the Nova laser.

The medical condition of pneumothorax often results in reduced lung capacity or a collapsed lung. If it is not properly diagnosed and promptly treated, pneumothorax can cause death within minutes.

Current methods to definitively diagnose pneumothorax involve the use of chest X-rays or computed tomography (CT) scans. In some cases, however, there may not be sufficient time to use X-rays or CT scans, or the patient may be in a remote location where these methods aren't available. Medical response teams in the field use the less conclusive method of looking for respiratory distress, listening for unusual sounds in the lungs and feeling for broken ribs.

A portable, light-weight, battery-operated device, the Noninvasive Pneumothorax Detector can accurately diagnose pnuemothorax in real time and can be used in a hospital setting and in the field.

The LLNL employees who pioneered the instrument hail from two directorates — Engineering and Physics and Advanced Technologies — and include John Chang, Greg Dallum, Christine Paulson, Garth Pratt, Mark Vigars and Patrick Welsh. Chang also credited two members of the Lab's Industrial Partnerships and Commercialization office – Alicera Aubel and Genaro Mempin — with helping to advance the project.

An optics breakthrough

LLNL laser scientists have developed continuous phase plate optics that are an important breakthrough for the Laboratory's National Ignition Facility and allow the laser's 192 beams to be optimally coupled to its targets.

These optics, developed in conjunction with Zygo Corp. of Middlefield, Conn. and QED Technologies of Rochester, N.Y., are a vital part of the optics chain for kilojoule- and megajoule-class laser systems like NIF, France's Megajoule Laser and the Omega laser at the University of Rochester's Laboratory for Laser Energetics.

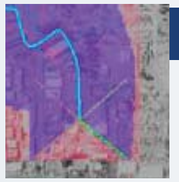
Composed of fused silica, continuous phase plate optics are about 17 inches high and 17 inches wide, and 3/8 of an inch thick. The surface of the optics is imprinted with a computer designed topographical structure that resembles hills and valleys. The process is designed to polish this structure into the optic surface to within 30 nanometers — or about one-millionth of an inch — of design specifications.

These large-aperture ultra-precision diffractive optics make it possible to adjust and fine-tune a laser beam to a prescribed size and shape while maintaining the coherent properties of the laser light.

"These optics allow the light coupling to an inertial confinement fusion target to be manipulated in a manner that results in uniform heating and generation of X-rays in the hohlraum surrounding the fuel, thereby providing the necessary pressures and temperatures to initiate fusion," said LLNL chemist Joe Menapace.

Continuous phase plate optics are produced using an advanced optical finishing process — called magnetorheological finishing — that combines deterministic polishing techniques, interferometry, precision equipment and computer control.

Among the Lab employees who developed the optics are Menapace, Pete Davis, Shamasundar Dixit, John Campbell, Greg Rogowski, Christopher Haynam and Lawrence Atherton. They are from three directorates — the National Ignition Facility, Engineering, and Chemistry, Materials and Life Sciences.



Detecting nuclear materials

For the third year in a row, Livermore scientists and engineers have won an R&D 100 award for developing an advanced radiation detection system — this time for the Large Area Imager.

About the size of two large desks and often carried in a trailer, the Large Area Imager provides several important advances for detecting and interdicting illegal nuclear materials. The instrument was developed in collaboration with Oak Ridge National Laboratory and the UC Berkeley Space Sciences Laboratory.

The Large Area Imager allows investigators to seek and find radiation sources by using a moving vehicular platform with total insensitivity to variations in an area's radiation field, which can include soil, buildings or even a person who has recently had tests with certain medical isotopes.

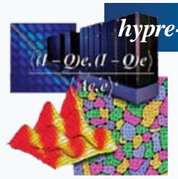
Naturally occurring fluctuations limit the detection ranges of current radiation detection instruments to about 10 meters. In comparison, the Large Area Imager simultaneously searches a swath 100 meters wide (50 meters on either side of the unit).

Another advantage of the Large Area Imager is that it can be used in searches at speeds up to 25 miles per hour, while many radiation detection systems require the users to walk.

Additionally, the new instrument displays the location of a radiation source in real time — to within five meters on overhead, geospatial imagery — and also shows the field of view and areas that have been swept.

In 2005, LLNL researchers won an R&D 100 award for the Adaptable Radiation Area Monitor, which can detect small quantities of radiation moving at either slow speeds or as fast as 60 miles per hour. In 2006, Lab scientists won another R&D 100 award for a high-precision radiation detector called UltraSpec that operates at very low temperatures and also can find small amounts of nuclear materials.

Among the scientists and engineers who developed the Large Area Imager are Marianne Ammendolia, Dennis Carr, Jeff Collins, Chris Cork (now retired) and former LLNL employees Lorenzo Fabris and Klaus-Peter Ziock, who now work at Oak Ridge. The employees came from the Engineering, and Physics and Advanced Technologies directorates. Funding came through the Nonproliferation, Homeland and International Security (NHI) Directorate.



hypre-Active software speeds supercomputing

Laboratory computer scientists have developed a software library called *hypre* that allows researchers to more effectively use supercomputers such as BlueGene/L and ASC Purple to conduct larger, more detailed simulations faster than ever before.

The ability to run large detailed simulations in less time is critical to stockpile stewardship and other DOE/NNSA national security programs. The use of massively parallel machines with as many as tens of thousands of processors that allow the detailed simulation of large-scale physical phenomena has become an essential part of scientific research and discovery.

Physical systems are described by complicated sets of mathematical equations that must be solved on computers to simulate reality. Large systems of linear equations are ubiquitous in scientific and engineering simulation codes, and solving these systems of equations is often the most time-consuming function of a code. Consequently, robust and efficient algorithms to solve systems of linear equations are in great demand.

Hypre, which stands for "high performance preconditioners," is a software library unique in its ability to provide solution algorithms that are effective on a wide variety of problems, easily accessible using multiple user interfaces and effectively exploit the full computational power of today's high performance computers.

The challenge traditionally for parallel linear solver algorithms has been scalability. An application code is scalable if it can use additional computational resources effectively. If the size of the problem and the number of processors are increased proportionally, the goal is to keep the computing time approximately the same. In practice however, as simulations grow to be more detailed and realistic, computing time may increase dramatically even when more processors are added to solve the problem.

Hypre provides linear solver algorithms that are developed specifically to be scalable on large numbers of processors. As a result, some simulation times may be reduced by orders of magnitude — as much as a factor of 30. Simulations that previously took days can now be run in hours or less.

The group from the Computation Directorate's Center for Applied Scientific Computing (CASC) that developed hypre is led by Rob Falgout and includes: Allison Baker, Van Emden Henson,Tzanio Kolev, Barry Lee, Jeffrey Painter, Charles Tong, Panayot Vassilevski and Ulrike Meier Yang. CASC resides in Computation's Computer Applications and Research (CAR) Department.

i.want ads

Due to the high quantity of ads and space limitations, these want ads have been abbreviated. For the complete ad listings, refer to the internal Website: http://www-r.llnl.gov/pao/news/ wantads.html or for the latest pdf download and retiree information, see the external Website: http://www.llnl.gov/pao/employee/. Please note that these ads appear on the Web.
Date of ads: Approx. June 26 to July 3. Ads appear on the Web for seven days.

Automobiles

1970 Camaro. $6,000 OBO. >10K miles. Car + extra parts. Body needs work. 209-892-8105

1980 Fiero. $2,200. 99K original miles. 209-649-2823

1981 Honda Accord hatchback. $600 OBO. Fixer-upper, good running engine, rear brake cylinder needs replacing. 209-832-4731

1987 Chevy S-10 Blazer 4WD. $1,500 obo. 209-824-5727

1992 Lexus LS400. $7,900. 155Kmi. 209-518-2156

1998 Honda Accord LX. 40K miles. $7,300 OBO. 415-710-9545

1999 Subaru Outback AWD. $6,000 OBO. 110Kmiles. 510-207-2258

2000 Ford Tarus SEL. $5,765. 86K miles. Great college car. 925-938-4136

2001 Ford Mustang Bullitt. $12,000. Only 5600 Bullitts made. This is #5038. 209- 869-1191

2001 VW New Beetle. 1.8 Turbo GLX $10,950. 51K miles. 925-373-9319

2002 GMC Yukon XL. $15,700 OBO. 95K miles. 925-584-1612

2005 Honda Accord LX. $14,500. 60K highway miles. 925-584-1612

2005 Hyundai Tiburon GT V6. $14,500 OBO. 18K mi. 925-443-7425

2005 Mazda 3 4-door hatchback. $16,500. 36.5K miles. 925-234-5843

2006 Subaru Forester X. AWD $19,500. 17.2k miles. 925-989-3010 or 925-455-1578

2006 Chevy Silverado truck. Best offer. 12K Miles. 925-634-5851

2005 Chevrolet Equinox. $15,800. 26K miles. 209-599-0922

2005 Chevy pick-up. $23,000 OBO. 40.5K miles 209-765-6793

17" Stock wheels and cooper tires from Ford Expedition. $400. 209-402-6245

Bicycles

Toddler sized Mongoose bicycle. $30. 925-373-6833

Boats

Canoe. $250. 16' Coleman. 925-449-0463

Fishing boat. $1,500 obo. 14' Valco aluminum boat w/15hp evinrude motor and EZ loader trailer. 209-824-5727

Paddle boat. $450 OBO. Seats 5. 925-516-8925

Electronic Equipment

Sony CDP-CX335 Megastorage 300 CD jukebox. $40. 925-398-0545

HP 720 color printer with new cartridges. $40. 925-980-9336

Nintendo Wii Console. Wii Play Game+2 xtra Remotes & 3 xtra nunchuks. $500. 510-825-7786

Connoisseur stereo turntable. $30 obo. 925-846-8394

Giveaway

Sony DVP S5600 CD/DVD player. Skips occasionally. 925-398-0545

DTV satellite receiver. RCA model. 925-422-5810

Free oars and oarlocks for small skiff. 209-403-1854

Canoscan F2710 slide scanner (SCSI interface) for 35mm slides. 925-398-0545

Bushnell Sky Chief II 60mm telescope. 925-855-1314

Household

Loveseat, 2 oversized chairs. $800. 925-709-1794

Baby Bjorn midnight blue carrier. $50. 925-876-5188

Beautiful solid wood display/book shelves $145. 925-640-5469

Bedding. $25. Extra long twin sheets, 2 sets. Twin comforter. 925-455-8238

Sealy Posterpedic "Filmore" CA King mattress set. $500. Please leave message if no answer. 209-835-4827

Ceiling fan. $50. 925-443-5413

Computer cart. $30. 510-653-1017

Maple crib and high chair. $35. Not suitable for infants. 925-455-9329

Custom cherry stereo/TV cabinet. 2 pullout drawers- 49"w x 27"d x 29"h. Make offer. 846-8394

Black wrought iron daybed and trundle. $500. No mattresses. 925-640-1806

Black Kenmore model 665 Ultrawash built-in dishwasher with Quietguard. $100. 925-398-0545

Pet door for sliding patio door. $75. 925-443-5413

Entertainment center, $250 OBO. Oak bedrm armoire, $75 OBO. Double jogging stroller, $50.Computer desk, $30 OBO. 2 seat child bike trailer, $40. 209-832-4576

Fun with Dick and Jane DVD. $5. 925-876-5188

Four pieces white home office furniture. $200 for all or $50/piece. Entertainment center, honey pine finish 72"x58"x17". $100 OBO. 925-447-9565

Kenmore sewing machine in walnut cabinet. $50. 510-537-7222

Basketball or soccer ball shaped humidifer. $15. 925-648-0671

Hanging stained glass kitchen lamp. $75. Pink, green, white, and clear hummingbird motif. 925-398-0545

Loft bed with desk/computer area, shelving, dresser, tower ladder, side rail, bunkie board, mattress. $650. 209-845-0699

70 Nutrisystem meals. $125. 209-835-4827, lv msg.

Playtex diaper genie. $5. 925-876-5188

ProAirII Air Compressor. $200. 925-876-5588

Sony Psyclone Nodus PSC99 sound experience. $60. 925-648-0671

Troy-Bilt wood chipper/shredder. $550. 925-606-6954

Lost and Found

Found: Memory stick in parking lot in front of Bldg. 111. Found Friday, 6/22, 7:15 a.m. 925-422-5214

Lost neckace. Brown cord with metal fish attached. Lost around Bldg. 361. Call 2-9799.

Miscellaneous

Baby Bjorn front carrier. $20. 925-373-6833

Champion Generator. $150. 925-363-5364

Roto-Hoe TB-5 Chipper/Shredder. $50. 925-215-1618

Cranium Pop 5 Game. $18. 925-648-0671

Glass display cases $40 5 ft high by 1 ft square. 925-606-9575

2 tkts. for Great America. Reasonable. 925-735-6002

Hand-Quilter II System $650 Frame and carriage system. 925-455-0574

Kelty Kids ELITE Carrier. $50. 925-373-6833

8' Keller 928 type II aluminum ladder. $40. 510-653-1017

Jet metal lathe, 12 inch swing. $750. 209-847-1231

Scully Italia woman's leather briefcase. $25 obo. 925-846-8394

Little Tike Slide/climber/playhouse/gym. $20. 209-599-0922

Star Trek Next Generation DVD. $125. Seasons 1-7. 209-823 0641

Pilots or those interested. New LLESA group for pilots. 925-323-8223

Polly Pocket sets. 925-980-3121

Ruby and diamond ring. $300 OBO. 925-876-5188

Safeline Sit n Stroll. 5-in-1 Car Seat Stroller $120. 209-836-3041

Under desk file drawers. $35. 925-640-5469

Weight machine $300. 925 447-3178

Motorcycles

2002 custom chopper. $16,000 obo. 209-614-5555

2003 Polaris Pedator. $3,200. I am willing to trade. 209-825-6311

2006 KTM Supermoto. $7,400. 2,500 miles. 209-985-8961

Suzuki 305 LTD Sportster. $450. 408-263-2846

Musical Instruments

Epiphone 6-string acoustic guitar with soft carrying case, tuner and stand. $100. 925-829-2894

Antique 1903 Chickering piano. $2,500. 925-634-9973

1906 Baby Grand Piano. $600. Needs refinishing. 925-373-7579

Yamaha Electone US-1C church organ. $2,000 OBO. 209-832-8360

Pets

Free dog grooming supplies, other misc. 925-606-9575

Two red-tailed boas. $1,000/OBO. Plus cage. Snake #1 length = 6ft, snake #2 length = 4ft. 925-443-1813

Siamese cat needs a good home. Quite sociable with people and is great company. 925-484-3889

Recreation Equipment

1993 Kawasaki 550 and 1992 Kawasaki 440 stand-up Jet Skis and dual trailer. $1,800. 209-649-2823

Adams insight fairway wood. $150 OBO. Call 209-815-1210

Batting aid. $30. 925-648-0671

2 Scoot-N-Go scooters. $90. ea 925-447-3178

Taylor Made R7 Draw driver. $150 OBO. 209-815-1210

Tunturi excercise cycle. $25. 925 735-1841.

Fanatic Bat windsurfer. $500. 925-416-1146

Ridesharing

Carpool. Lamorinda. Lab hours 8 a.m.-4:45 p.m. 2-9823 or 2-4213.

Patterson vanpool. $160/mo. Work hours Mon-Thurs. 7 a.m. - 4:30 p.m., Friday 7 a.m. - 3:30 p.m. 209-895-4447

Shared Housing

Large room for rent w/private full BA. Pleasanton. $710. July 1. F grad student looking for F roommate. No pets please. 510-409-4002

House exchange: Livermore for Kihei, Maui. Available: 8/1/2007 3 BR, 2 BA home. Monthly Utilities: $350-$500 plus lawn care. 808-283-8239

Room for rent w/private full BA. Livermore. Avail now. $650. F prefered. Deposit $300. 925-784-3184

Room for rent. Mills. Avail. 8/1/07. $650 + share utils. Pet in household. 925-487-2051

Room for rent w/private BA. Pleasanton. $775. 925-846-5763(H);925-209-8778(C)

Furnished Brentwood room to rent. $800+. Adult gated community. Avail. 09/11. 925-447-6515

Trailers

1995 Big Tex Utility Trailer. $1,600. 925-447-6784

2006 Forest River Cherokee 5th wheel. $24K OBO. 209-321-1506

Purchaser of oak sided jeep trailer in November—please call me. 209-823-5845

Trucks

06 Toyota Tacoma Prerunner SR5, $15,850. 30K mi. 209-914-0827

1985 Toyota pickup. $1,900. Ugly, but faithful. 925-371-1854

1998 Dodge 1500 Quadcab 4X $980. 925-876-5588

1999 Ford. $7,500. 925-735-6002

2002 GMC 4X4 Z71. $16,000 OBO. 209-832-5462

1949 Farmall tractor. $750. Runs but is in poor condition. 209-847-1231

Two 1947 Model B John Deere tractors. $750. Suitable for parts, put both together for one running tractor. 209-847-1231

Vacation Rentals

Arnold area mountain home. 4BR, 2BA 1,600 sq. ft. mountain home. 925-245-1114

Kona Big Island Hawaii vacation home . 3BR/2BA, 415-377-5361

Maui, HI Kahana Reef oceanfront 1BR/1BA condo. 925-449-0761

Santa Cruz beach house. 2BR, 2BA, spa. 925-245-1114

South Lake Tahoe chalet. 3BR/2BA. 209-599-4644

South Lake Tahoe rental. $650/ wk Sleeps approx. 7. 925-556-9511

Wine country rental. $150/night. Monte Rio. 3BR/1.5BA, sleeps 6 comfortably. 925-513-4767

Wanted

House cleaning in my Livermore home. Once a month, flexible days. Call: 925-443-7422

Lava rock for pond filter. 510-557-3951

Moving boxes needed. 209-747-0886

Small car for college student, automatic, reasonable. 209-531-1527

Bike trailer or child's bike seat & single or double jogging stroller. 209-825-4905

Lindl wins prestigious plasma physics prize

John Lindl, chief scientist for the National Ignition Facility, has been awarded the 2007 James Clerk Maxwell Prize in Plasma Physics by the American Physical Society (APS.)

APS established the prize to recognize outstanding contributions to the field of plasma physics.

Lindl will receive $10,000 and a certificate with a citation reading, "For 30 years of continuous plasma physics contributions in high energy density physics and inertial confinement fusion research and scientific management."

Before assuming his current role at NIF, Lindl served as scientific director for the Lab's Inertial Confinement Fusion Program.

He is the author of numerous scientific journal articles, and a seminal book entitled "Inertial Confinement Fusion: The Quest for Ignition and Energy Gain Using Indirect Drive."

This is just the latest in a series of major honors for Lindl. He received the 1993 Edward Teller Medal in Inertial Fusion and the Department of Energy's E.O. Lawrence Award in 1994.

Lindl will be presented with his APS award at the annual meeting of the Division of Plasma Physics to be held in Orlando, Florida, in mid-November.

RETIREES' CORNER

Evelyn Heald (Mechanical Engineering/Physics, 1993) and Joyce Brooks spent three weeks in eastern and western Europe. The first three days were in the charming "old town" of Prague in the Czech Republic and from there an adventurous 7-1/2 hour train ride to the beautiful city of Budapest, Hungary. They loved Budapest and would like to return for a longer visit. Upon arriving in Budapest, they took a river boat cruise tour to Amsterdam, went through 68 locks, and met some great people, 12 of whom were from California and a third generation couple from Israel. Three of the many highlights of the trip were attending a concert in Vienna, which consisted of Mozart and Strauss music as well as singing and dancing; a visit to the 900-year-old Benedictine monastery in Melk (never saw so much gold in one church); and seeing the originals of Rembrandt and Vermeer paintings in the Amsterdam museum.

Volunteer Opportunity — Find Your Place in the Universe.

Chabot Space & Science Center is seeking volunteers to expand their dynamic team dedicated to creating a world-class science educational experience in the Bay Area. Volunteers have the unique opportunity to make astronomy and science come alive for visitors. No science or astronomy background needed – extensive training opportunities available. For more information, visit the Website at www.chabotspace.org or call the volunteer department at (510) 336-7414. See LLNL retirees' Website for job descriptions.

The July retirees' luncheon will be held at noon, Wednesday, July 18, at the Elks Lodge in Livermore. Judy Ackerhalt, project director for human resources/benefits transition planning for UC's Office of the President, and Lynn Soderstrom of the LLNS transition team will tell us what is known at this point in time regarding the new contractor's benefits plan and how it affects retirees.

Gus and Jane Olson have been doing the Retirees' Corner for more than four years now and are ready for a change. They would like to give some other retiree the opportunity to take on this job. The only requirement is a computer and e-mail. Perhaps someone who is retiring soon would enjoy this volunteer job. If you are interested, call them at 925-443-4349 to talk about what the job involves.

Please send input to Jane or Gus Olson. E-Mail: AugustO@aol.com or JaneRubert@aol.com. Snail mail address: 493 Joyce St., Livermore, CA 94550.

PEOPLE NEWS

IN MEMORIAM

Helen Frances Pigeon

Helen Frances Pigeon, a longtime Tracy resident and Lab retiree, died June 24 at New Hope Care Center in Tracy. She was 94.

Pigeon was born Feb. 22, 1913, in Oakland and lived in Tracy for 53 years. She had worked as an administrative assistant at the Lab. She was a member of Tracy Golf and Country Club, the Soroptomists and the Tracy Chamber of Commerce. She enjoyed playing bridge, golf and traveling and visiting with her grandsons.

Pigeon is survived by her son, William G. Pigeon II of Orinda; sister, Jane Josephine Buchanan of Tracy; and grandsons, William Gibson Pigeon of Walnut Creek and Matthew Day Pigeon of Orinda. She was preceded in death by her husband of 20 years, William Gardner Pigeon Jr., in 1960.

Donations in her name may be sent to the American Lung Association, 1231 W. Robinhood Drive, Ste. A-1, Stockton, CA 95207; or to the American Heart Association, 1710 Gilbreth Road, Burlingame, CA 94010.

Up-and-coming science teachers

Photo by Jacqueline McBride

Susan Hackwood (second from right), executive director of the California Council on Science and Technology, talks with California State University (CSU) students participating in this summer's pilot program "Aspiring Science Teacher Research Internship" co-sponsored by LLNL, CSU and UC.

The eight-week program began in June with 15 participants from the CSU system. The program is designed for undergraduate or recent science, engineering or credentialed graduates who plan to teach chemistry, physics or earth sciences in grades 6-12. The pilot program provides the students a summer research internship opportunity at LLNL. Its goals include enabling future science teachers to conduct research at a national lab, and developing a network of master science teachers, scientists and engineers. It also allows for assessing the value of such a research experience in the development of new teachers.

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For an extended list of Lab beats and contacts, see http://www.llnl.gov/pao/contact/

LAB NEWS

'Big Red' doesn't live here anymore

By David Schwoegler
Newsline staff writer

For several years during the late 1970s, a very large Cobalt-60 source was used for radiography by several Laboratory programs. But eventually the source decayed to the point where it was no longer useful for that purpose. It immediately became a "legacy item."

For more than 20 years the still-decaying source resided in various Materials Management storage locations at Livermore. It became known as "Big Red," because of its 5,000-pound crimson steel storage cask that also served as its radiation shield. But through the Engineering Directorate's comprehensive effort to identify and dispose of legacy materials, "Big Red" is now gone — along with another legacy Cobalt-60 source.

"It took a multi-disciplined team along with directorate support to make this project happen," said Brent Ives, Engineering's manager for the legacy project. Ives explains that each time a legacy item is identified within an engineering facility as no longer needed by the Lab, it's his job to develop disposal options.

Ives has been tasked to assemble a team to "right size" the Laboratory's hazardous materials holdings by shipping surplus items to disposal sites. "This required months of planning. It's amazing how easy it is to acquire these items, but how much effort, time and money it takes to dispose of them properly," Ives said.

Along with George Krysl of the Materials Management Section, Jared Dominick of Radioactive and Hazardous Waste Management played a major role in identifying a disposal location at the Nevada Test Site and acquiring the large shipping cask-and-truck combination. The outfit was rented from a private contractor solely for this purpose. Laboratory riggers also contributed to the success of this daylong, oversized loading and drayage.

Engineering is currently assessing all of its facilities for similar legacy related items and issues. "It's the right thing for the Laboratory to do," Ives remarked regarding surplus materials. "This may look like the end of a long-term legacy item, but in reality 'Big Red' may be just the beginning," he concluded.

Transition, from page 3

TCP1pension plan, the employer (LLNS) will be legally obligated to make contributions to the plan. LLNS would make the necessary contributions to the plan and would be reimbursed for the allowable costs for those contributions under the contract between LLNS and the NNSA, which is a part of the U.S. government under the Department of Energy. NNSA's contract with LLNS also requires that at the end of the LLNS contract, the responsibility for the pension plan be transferred to the entity which is awarded the contract with NNSA or, if there is no such entity, the contract be extended with LLNS for the purpose of reimbursing the costs of continuing the benefits. NNSA thus has a continuing obligation to reimburse the allowable TCP1 pension plan costs in the future."

Ongoing operations of the Laboratory

Understandably, this is a time of anxiety and distraction for all of us. But it still is of critical importance that we continue to operate safely and securely and support our ongoing mission and operational commitments. Employees can and should stop work or notify their supervisors if they feel that an activity is unsafe. Maintaining the safety of the workforce is paramount and must always take precedence over any transition activity. As Director George Miller continues to remind us, we need to watch out for each other and help each other through this. This is an unprecedented time, but I know we will get through and continue to be the great Laboratory we are known to be throughout the complex.

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